

兔抗 PRKAA2 多克隆抗体

中文名称:	兔抗 PRKAA2 多克隆抗体
英文名称:	Anti-PRKAA2 rabbit polyclonal antibody
别名:	AMPK; AMPK2; PRKAA; AMPKa2
相关类别:	一抗
储存:	冷冻 (-20℃)
抗原:	PRKAA2
宿主:	Rabbit
反应种属:	Human, Mouse, Rat
标记物:	Unconjugate
克隆类型:	rabbit polyclonal

技术规格

Background:	The protein encoded by this gene is a catalytic subunit of the AMP-activated protein kinase (AMPK). AMPK is a heterotrimer consisting of an alpha catalytic subunit, and non-catalytic beta and gamma subunits. AMPK is an important energy-sensing enzyme that monitors cellular energy status. In response to cellular metabolic stresses, AMPK is activated, and thus phosphorylates and inactivates acetyl-CoA carboxylase (ACC) and beta-hydroxy beta-methylglutaryl-CoA reductase (HMGCR), key enzymes involved in regulating de novo biosynthesis of fatty acid and cholesterol. Studies of the mouse counterpart suggest that this catalytic subunit may control whole-body insulin sensitivity and is necessary for maintaining myocardial energy homeostasis during ischemia.
Applications:	ELISA, IHC

Name of antibody:	PRKAA2
Immunogen:	Fusion protein of human PRKAA2
Full name:	protein kinase, AMP-activated, alpha 2 catalytic subunit
Synonyms :	AMPK; AMPK2; PRKAA; AMPKa2
SwissProt:	P54646
ELISA Recommended dilution:	2000-5000
IHC positive control:	Human liver cancer and human thyroid cancer
IHC Recommend dilution:	25-100

